

**Test Plan:**

1. Preparation & Setting up

Before testing, facilitators say “Thank you for volunteering to test our application, Food Diary. We really appreciate your participation and feedback. While you are completing the tasks, please think aloud, walk us through your train of thought as you go through each tasks.” Then give tester the consent form and says “Please sign this consent form before we start testing. Just let me know if you have any problems and remember to write your signature at the bottom. Thanks!” After finishing the consent form, says “Thank you! Now we will start the testing! Please follow the instructions on the document and think aloud while finishing the tasks. We will give you the application’s url and detailed instructions for tasks to follow.”

2. Execution of the Test

Each facilitator will be conducting two user tests for a total of 4 user tests. During the test, the facilitator will take notes when user thinking aloud with confusion, error message, wired behavior and compliment. Be sure to include the note when user give suggestions like “it’s better to ... or I wish this could...”.

3. Food-Diary User Testing

To access this application, please go to this following link:

<https://a7-food-diary.herokuapp.com/>

Please complete the following tasks while thinking out loud. If you are stuck or meet with any problems, please let facilitator know at the first time and try your best to navigate and solve the issue yourself. Facilitators will give you help if you are stuck but be sure to try to solve it yourself first. Best luck!

4. Tasks

Sign in with the following:

- (1) Username: tester1
- (2) Password: password

Create a new entry and add it to diary.

- (1) View the photos when you create new entry before you add new entry.
- (2) Add new entry of your most recent meal and add it to diary.
- (3) Add another new entry of your most recent meal and add it to diary.

See & Edit Diary history

- (1) Go to Diary page and see your diary history. (Your new added diary is at the bottom)
- (2) Remove one of the diary that you don’t like

Have fun for News page

- (1) Go to the News page to watch a funny video.
- (2) Go to the News page to read a health-related article.

Keep track of your meals:

- (1) Go to statistic page, select the type of statistic you wish to get
- (2) See your results

Customize Setting

- (1) Go to settings and allow camera and location.

Register new account

- (1) log off your current account
- (2) Register a new account, whatever username and password you want.
- (3) Log in the new account

- (4) Add new entry to your new account
- (5) Log off your account

#### 5. Observations

Observations will be recorded by facilitators. Facilitators take notes on their laptop whenever user verbally speak aloud as he/she go through each tasks. Each note should follow with it's related Page name and final solution. For example: "Cannot log in problem – log in Page – unsolved until end".

#### 6. Debrief

For User:

Once the user has completed the test, the facilitator will say "Thank you so much for participating our test! Do you have any questions for us?"

- Who do you think our potential user is?
- What did you like about this application and why?
- How do you feel about the help button for each page?
- Would you use this app comparing to existed apps?

#### 7. Three main research questions

- (1) How does user feel about keeping track of meals with this app?

Explain: We want to make sure our POV is worthy for the public. Cause we are unsure about if our app is suitable to track user's meal in this way instead of traditional log in way.

We will answer this question by do this testing.

- (2) How can we make it better so user don't meet with errors?

Explain: We feel our app does have some potential errors but we hope to solve them as much as we can to provide user a better using environment.

We will answer this question by do this testing.

- (3) How do you feel about the overall design of this app?

Explain: We think our styling part is not super good but we run out of ideas about exactly how we could improve, so users' feedback is super important for us.

We will answer this question by do this testing.

#### **Complete functionality:**

We use the same programming as we were told in lab.

We are not super satisfied with our prototype for user testing since we just have two members and there're too much work. We are overwhelmed. But the main functionality is already now, we just need to add more additional functionalities to enhance the user experience.

#### **Unique workflow:**

Making entries

Upload images

Viewing Diary

View statistical analysis

Help page to get help

See news and have fun

## Link for app:

<https://a7-food-diary.herokuapp.com/>

## Link for project repository GitHub:

<https://github.com/hyh014/Food-Diary>

## Link for Development Plan:

<https://docs.google.com/spreadsheets/d/18lj9KECxPWo6GwWzmuGMRYlugArduL4tKVbVXfyULA/edit#gid=0>

Screenshot for week6 development plan for comparison:

A	B	C	D	E	F	G	H
1	Week 5:		Task	Owned by	Deadline	Comments	Hours Required
2			Set up github version control	Group	02-Aug		0.1
3			write development plan	Hyunsoo/Ziwen	02-Aug		0.2
4			set up navigation skeleton	Hyunsoo	02-Aug		1
5			Code home screen	Hyunsoo	02-Aug		4
6			Code for log in meal screen	Hyunsoo	02-Aug		4
7			Write debrief	Ziwen	02-Aug		0.5
8			Two Wireframe for homepage and prioritized page	Ziwen	02-Aug		3
9			Deploy it on heroku app(check mobile)	Hyusoo	02-Aug		0.1
10	Week 6		wireframe everypage		Feb-15		
11			create user log in page		Feb-15		
12			use json file to access the user account		Feb-15		
13			Create diary screen		Feb-15		
14			use json file to pre-set the diary data		Feb-15		
15			create calendar screen		Feb-15		
16			make the interation of calendar and diary		Feb-15		
17			pre-set fake data for new entry page		Feb-15		
18			Create Statistics screen		Feb-15		
19			pre-set fake data for statistic page with different clicks		Feb-15		
20			Create news screen		Feb-15		
21			Pre-set fake data for news		Feb-15		
22			Create community screen		Feb-15		
23			add interaction jump to facebook		Feb-15		
24			Create setting screen		Feb-15		
25			Enable button switch for each notifications		Feb-15		
26	Week7:		Create plans for User Testing		Feb-22		
27			Gather data from the observation		Feb-22		
28			Write JSON file for actual user input		Feb-22		
29			Test and code for mobile screen		Feb-22		
30			Check and fix all bugs		Feb-22		
31			Figure out how google analytics work		Feb-22		

Screenshot for week7 development plan:

		Week7	Entry page						
Sum Hours:	expected/actual		Make upload image from local	Ziwen	2/22	Enabled button works,	1	2	
Hyunsoo:	13/13		make error prevention for saved changes	Ziwen	2/22	Still not satisfied, canr	2	3	
Ziwen:	22/20		make it possible to delete diary	Ziwen	2/22	Prioritized	1	2	
			make it possible to really edit diary	Hyunsoo	2/22	Prioritized		2	
			Diary page	Ziwen	2/22	Done	2	1	
			make one-month long fake data for diary	Ziwen	2/22	Finished	2	1	
			Enable scroll all the way top button	Ziwen	2/22	On hold		1	
			Statistic Page			On hold		1	
			make dropdown time button to the top			On hold		1	
			put instructions in default preset image			change to week8		1	
			get rid of the calendar and put dropdown month and week	Hyunsoo	2/22			1	
			Go OfficeHour	Hyunsoo	Tues 5-6PM		10	1	
			learn how to store new input by json file and read it (present in another page)	Hyunsoo	2/22	prioritized		1	
			Able to make entry after logging on facebook	Hyunsoo	2/22	Done	1	1	
			Enable facebook Login	Hyunsoo	2/22	prioritized	1	2	
			register	Ziwen	2/22	If time allows	2	1	
			Modify register page to enable error prevention	Ziwen	2/22		4	2	
			Add stuffs to News Page	Ziwen	2/22		2	3	
			change styles to make sure consistency	Ziwen	2/22				
			Set background image and other stuffs to make better outlook	Ziwen	2/22				
			Create plans for User Testing	Hyunsoo,Ziwen	2/22	Done	2	1	
			Enable code for mobile screen	Hyunsoo	2/22	Work in Progress		1	
			Check and fix all bugs	Hyunsoo,Ziwen	2/22	Work in Progress	1	4	
			Figure out how google analytics work	Hyunsoo	2/22	Done	1	1	
			Write testing plan	Ziwen	2/22		1	1	
Week8:			Create instructions for User testing		3/1				
			Do Error prevention for Entry Page and Edit Dairy Page			new added			
			Enable search by date to see a particular day's meal in Dairy Page			new added			
			Using feedback from user testing, fix any bugs		3/1				
			Using feedback from user testing, add more features		3/1				
			After redesign, compare original and redesigned		3/1				
			Figure out how to implement third party APIs		3/1				
			Apply third party APIs to community page		3/1				